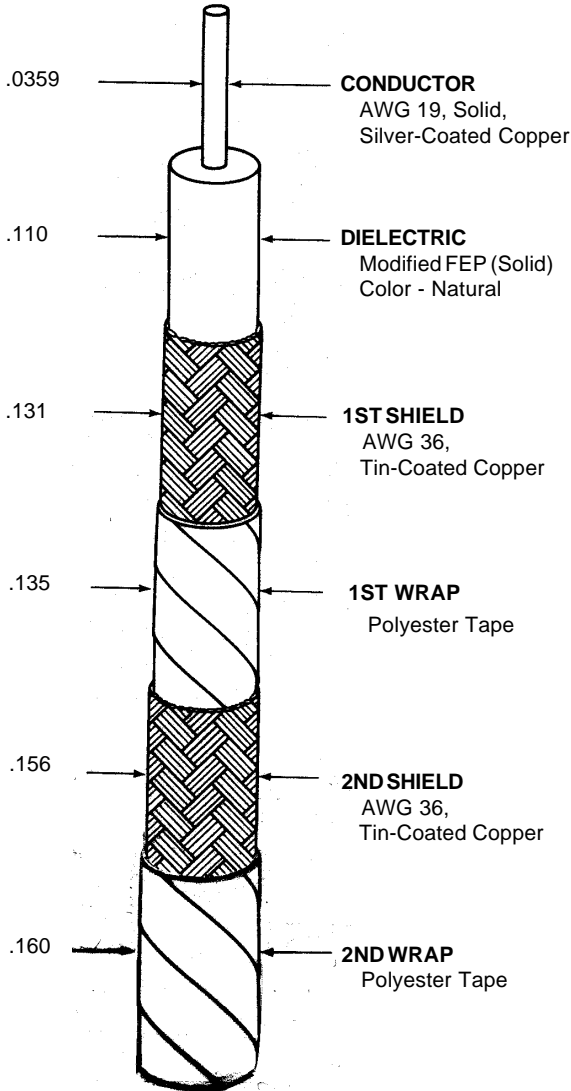


THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

**CONSTRUCTION DETAILS**

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.



**ELECTRICAL CHARACTERISTICS**

CHARACTERISTIC IMPEDANCE	50 ± 2 ohms, Method A
CAPACITANCE	29.4 pF/ft. (nominal)
VELOCITY OF PROPAGATION	69% (nominal)
ATTENUATION	2.1 dB/100ft (nominal) at 30 MHz 9.6 dB/100ft (nominal) at 450MHz 20.7 dB/100ft (nominal) at 1.5GHz 29.5 dB/100ft (nominal) at 2.5GHz

**ADDITIONAL REQUIREMENTS**

**ELECTRICAL**

CONDUCTOR RESISTANCE	8.2 ohms/1000 ft. (nominal)
INSULATION RESISTANCE	10,000 megohms (minimum) for 1000 ft.
VOLTAGE WITHSTAND (DIELECTRIC) CONDUCTOR TO SHIELD	1000 volts (rms), (minimum)

**PHYSICAL**

INSULATION (DIELECTRIC) ELONGATION	150% (minimum)
TENSILE STRENGTH	1000 lbf/in <sup>2</sup> (minimum)
WRAP (EACH)	.001 inch thick (nominal) 25% overlap (minimum)
SHIELD COVERAGE (EACH)	90% (minimum)

WEIGHT 30.5 lbs/1000 ft. (nominal)

Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. Tyco Electronics also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.